

Valley of the Moon Amateur Radio Club **WIRELESS**



VOMARC AT HORNET AMATEUR RADIO CLUB



—Submitted by Dave KD6FIL

We attend the HARC (Hornet Amateur Radio Club) meeting. They meet at noon on the first Saturday of the month. They just relocated to a new room on the ship and are still getting their 4 stations up and running. The members are from all over the Bay Area with a few from the Santa Cruz Area. They are a very welcoming group and I would encourage anyone interested to go for a visit.

NEXT MEETING

Wed, February 15, 2017, 7:30pm
City of Sonoma EOC,
Sonoma Police Department
Topic: TBA



VOMARC Meeting Minutes January 18, 2017

Called to order at 19:30.5ish by our spectacular President KG6N!

KG6QNT (Eileen), WD6BOR (Darrel), KD6FIL
KF6FZM (Dick), K6UUW (Jim), NJ6E (Stan), N6TVN
(Carl), KJ6DPY (Peter), N6KM (Ken), WB6TMH
(Mike), KA5WSS (Robert)

Introductions.

Minutes approved for November and December.

Treasures report: We have \$1,868.01 in the bank after purchasing the W6PE repeater. Dues are due. People who paid dues in December, Thank you.

Website: Need to update the Hamfest date (April 29) and the flyer.

New Business:

N6KM is having a hamshack clearance sale.

The Yaesu FT1000 MP MK5 from Jan Bush is still for sale. The plan is to check it out and get it listed on the internet for \$1450. (Note: during testing it was determined that the radio has some issues and it went in for some repairs before it will be put on the internet.)

DMR Radios: Dave has a Tytera MD380

Jim has a Connect Systems CS580

Ken and Stan have a Connect Systems CS750

Anyone interested in DMR let the club know. We are happy to help people get started. It is a lot easier to start out with help from someone who is already on the air.

Meeting was adjourned at 1955ish.

The presentation by KG6N was a PowerPoint presentation of the National Park on the Air activations by N6YEU (Fred). Thanks.

—Respectfully Submitted, Dave KD6FIL

SOMETHING TO THINK ABOUT

California Mobile Operators and Rovers!
Recent [changes to California Vehicle Code 23123.5 CVC](#), effective January 1, 2017, regarding use of handheld electronic communication devices, may affect your mobile operation. The code, which previously exempted Amateur Radio, now does not include such language. Amateur Radio operation while driving may now be considered the same as talking on your cell phone and subject to the same

restrictions. The California Highway Patrol has reportedly notified the courts that "they intend to issue citations to anyone they see holding a device, which includes your mobile radio microphone." ([PAPAS](#) repeater system BBS

(From ARRL contest newsletter)

—Submitted by Jim K6UUW

CQP RESULTS

The results are in from last year's California QSO party. Coming in 6th in the Single Operator, Low Power category is Frank, KG6N, with an impressive 949 total QSO's, totaling 139,205 points. Nice going.

—Submitted by Jim, K6UUW

New "Amateur Radio Parity Act" Bill Introduced in US House of Representatives

[H.R. 555](#) -- a new "Amateur Radio Parity Act" bill -- has been introduced in the U.S. House of Representatives. The bill's language is identical to that of the 2015 measure, H.R. 1301, which passed in the House late last summer but failed to gain the necessary support in the waning days of the US Senate.

H.R. 555 calls on the FCC to establish rules prohibiting the application of deed restrictions that preclude Amateur Radio communications on their face or as applied. Deed restrictions would have to impose the minimum practicable restriction on Amateur Radio communications to accomplish the lawful purposes of homeowners associations seeking to enforce the restriction.

(from 1/19/17 ARRL newsletter)

—submitted by Jim K6UUW

ARRL Asks FCC to Allocate New 5 MHz Band, Retain Channels and Current Power Limit

ARRL has asked the FCC to allocate a new, secondary contiguous band at 5 MHz to the Amateur Service, while also retaining four of the current five 60-meter channels and current operating rules, including the 100 W PEP effective radiated power (ERP) limit. The federal government is the primary user of the 5 MHz spectrum. The proposed action would implement a portion of the Final Acts of World Radiocommunication Conference 2015 (WRC-15) that provided for a secondary international allocation of 5,351.5 to 5,366.5 kHz to the Amateur Service; that band includes 5,358.5 kHz, one of the existing 5 MHz channels in the US.

(from 1/19/17 ARRL newsletter)

—submitted by Jim K6UUW

US Naval Academy HFsat Coordinated for 15- Meter to 10-Meter Transponder

The US Naval Academy has received IARU satellite frequency coordination for [HFsat](#), a 1.5 U CubeSat carrying a 15 to 10-meter inverting linear transponder with a 30 kHz bandwidth (uplink 21.4 MHz, downlink 29.42 MHz). The Mode K configuration is reminiscent of the old "RS" series of Russian satellites. The CubeSat will also carry an APRS digipeater on 145.825 MHz. The US Naval Academy's Bob Bruninga, WB4APR, said HFsat is designed to demonstrate the viability of HF satellites as a back-up communication system, taking advantage of HF radios found in a typical Amateur Radio installation or frequently used to support disaster and emergency response communication.

Bruninga sees a future for Amateur Radio satellites operating on the HF bands. "HFsat will operate under the ITU rules of the Amateur Satellite Service since not only does that service currently have allocations for satellite relay on HF, but it is also the only service with nearly a century of knowledgeable operators' experience with the HF bands under all conditions," Bruninga wrote on the HFsat web page. "Should the system prove viable, and should other services desire to use the transponder technology, then the lengthy process to obtain federal HF [satellite communication] allocations could be considered."

(from ARRL 1/26/2017 ARRL newsletter)

—submitted by Jim K6UUW

Another Outstanding Year for Amateur Radio Licensing!

Last year -- 2016 -- was another outstanding one for Amateur Radio licensing, says ARRL Volunteer Examiner Coordinator (VEC) Manager Maria Somma, AB1FM.



Total Amateur Radio licenses in the US from 2000 until 2016. [Per statistics compiled by Joe Speroni, AH0A]

"New Amateur Radio licenses issued were up by 1% over 2015, and this is the third year in a row that the total number of

new licenses has exceeded 30,000," Somma reported. She said 32,552 were granted in 2016, 32,077 in 2015, and 33,241 in 2014.

Somma said that while 2014 was a record-setting year for new licenses issued, ARRL VEC "continues to see an elevated interest in obtaining an Amateur Radio license."

The overall trend continues to be up, up, up! The total number of US Amateur Radio licensees has continued to grow each year since the FCC eliminated the Morse code exam requirement in 2007.

(from ARRL Feb. 2, 2017 newsletter)_

—submitted by Jim K6UUW

AM Rally Set for April 1-3 -- No Fooling!

Ever wonder what that "AM" button is for on your transceiver? Well, if you don't know about full-carrier amplitude modulation (AM) or have never used it on the air, you'll get the chance during the [AM Rally](#), April 1-3, on the HF bands between 160 and 10 meters (except 30, 17, and 12 meters) plus 6 meters.

Amateur
Radio voice-
mode



transmissions on the HF bands into the 1960s were AM, the same mode that used to predominate in radio broadcasting. Single-sideband (SSB), a form of AM, gradually took over the bands, although not without some pushback! Today, a group of dedicated radio amateurs keep the magic flame alive, getting on AM frequently, and for many of them, AM is their primary operating mode. The AM Rally gives the uninitiated a chance to dip a toe into the pool, so to speak.

(from ARRL Feb. 2, 2017 newsletter)

—submitted by Jim K6UUW

THE VOMARC WIRELESS

VOLUME 21 EDITION 2

A publication of VOMARC, the Valley of the Moon Amateur Radio Club – W6AJF

Frank C. Jones – W6AJF

Honorary President in Perpetuity

CAST OF CHARACTERS

Frank Wiebusch KG6N — President

Scott Wellington KJ6QIQ —Vice President

Dave Dammuller, KD6FIL – Secretary

Eileen Adams, KG6QNT – Treasurer

Mike Miller, WB6TMH – Radio Officer

Moe Llanes, KI6JNU – ACS Unit Leader

Sanford Smith, N7PIB – VE Liaison

Jim Hill, K6UUW – Elmer Coordinator, Training Officer, President Emeritus

Ken McTaggart, N6KM – Station Trustee for W6AJF

Eileen Adams, KG6QNT – Webmeistress, Editor

"Receipt of the Wireless is one of the most sought after benefits of membership in VOMARC."—S. Marler

CLUB MEETINGS are held on the third Wednesday of each month at the City of Sonoma Police Department EOC 175 1st St West. Meetings start at 19:30 local (7:30 P.M.).

WEB PAGE: <http://www.vomarc.org/>

Nets are held every Wednesday night at 19:30 (7:30 P.M.) local, except meeting nights on the 145.350 repeater, -600 kHz, PL 88.5 Hz.

ACS holds a net each Monday evening at 19:30 local on the 146.205, +600, PL 88.5 Hz repeater.

PACKET STATION INFO: The VOMARC packet station is off the air until further notice.

CLUB BREAKFASTS are held on the first Saturday of each month at Black Bear Restaurant, 201 W Napa St, #34 (Marketplace Shopping Center), Sonoma. The fun starts at 08:30 local.

Comments and submissions of material may be sent to:

Eileen@vom.com

—or—

Valley of the Moon ARC, Inc.

C/O Sonoma Police Department

175 First Street West

Sonoma, CA 95476

**2017 ACS
Net Control Assignments**

	Name	Call
JANUARY	MOE	KI6JNU
FEBRUARY	JIM	KJ6UUW
MARCH	SCOTT	KJ6QIQ
APRIL	JIM	K6UUW
MAY	DICK	KF6FZM
JUNE	MOE	KI6JNU
JULY	KEN	N6KN
AUGUST	GILL	KJ6EIG
SEPTEMBER	SAM	W5LTP
OCTOBER	DICK	FK6FZM
NOVEMBER	MIKE	WB6TMH
DECEMBER	DARREL	WD6BOR

**2017 VOMARC
Net Control Assignments**

	Name	Call
JANUARY	SCOTT	KJ6QIQ
FEBRUARY	JIM	K6UUW
MARCH	MOE	KI6JNU
APRIL	DAVE	KD6FIL
MAY	ED	W1EJ
JUNE	FRANK	KG6N
JULY	MOE	KI6JNU
AUGUST		
SEPTEMBER	SAM	W5LTP
OCTOBER	DICK	KF6FZM
NOVEMBER	MIKE	WB6TMH
DECEMBER	DARREL	WD6BOR

**THE NEXT MEETING WILL BE THE FEBRUARY 15, 2016, 7:30PM,
CITY OF SONOMA EOC, SONOMA POLICE DEPARTMENT, 175 1ST ST W, SONOMA, 95476
SEE YOU THERE.**

VOMARC MEMBERSHIP 2017

Membership Dues: \$15/year individual; \$5/year family member at same address.

VOMARC encourages its members to join the ARRL. More information is available at www.arrl.org.

QST is available to blind and physically handicapped individuals on audio cassette from the Library of Congress, National Library Service for the Blind and Physically Handicapped. Call 1-800-424-8567.

Name: _____ CALL: _____ EMAIL: _____

Address: _____ APT: _____

City: _____ State: _____ ZIP: _____

Name: _____ CALL: _____ EMAIL: _____

Name: _____ CALL: _____ EMAIL: _____

VOMARC Membership: Complimentary with Class—Date: _____

Membership Moment, From the Database Queen:

Dues may be mailed to VOMARC in care of the Sonoma Police Department, 175 1st St West, CA 95476, or brought to the next meeting. Your check should be made payable to: **VOMARC**.